BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

APPROVED TENDER SCHEDULE –'B'

Name of Work: -Drilling of borewell and providing pipeline to allalasandra LBS nagara & kanakanagara in ward No- 04

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Technical Manager (West) KRIDL, BBMP,	
				Rate	Rate in Words
1	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or schlumbergers's method, including reconnaissance survey of geological formation, Geological investigation of existing ground water in vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc (P.NO-47, I.NO-9.4, PRED 12-13 SR)	Nos	2.00	1882.00	**Rupees one thousand eight hundred eighty two only**
2	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) (P.NO-47, I.NO-9.1, PRED 12-13 SR)	Rmt			
	0.00 to 50.00 Mtr.		100.00	315.18	**Rupees three hundred fifteen and paise eighteen only**
	50.00 to 100.00 Mtr.		100.00	412.00	**Rupees four hundred twelve only**
	100.00 to 150.00 Mtr.		100.00	458.35	**Rupees four hundred fifty eight and paise thirty five only**

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Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Technical Manager (West) KRIDL, BBMP,	
				Rate	Rate in Words
	150.00 to 200.00 Mtr.		100.00	484.10	**Rupees four hundred eight four and paise ten only**
	200.00 to 250.00 Mtr.		100.00	560.32	**Rupees five hundred sixty and paise thirty two only**
	250.00 to 300.00 Mtr.		100.00	600.49	**Rupees six hundred and paise forty nine only**
3	Supplying of ISI Mark 175 mm nominal bore medium black ERW casing pipe of 5mm thick black electric resistance continous welded midle steel tube material confirming to IS 1387/1993 and manufactured from hot rolled steel skelp/stripes in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end(including of all taxes) (P.NO-III, I.NO-84, PRED 12-13 SR)	Rmt	140.00	1325.00	**Rupees one thousand three hundred twenty five only**
4	Providing and fixing 250mm dia PVC 6 kg/sqcm pressure pipe including jointing and labur charges for laying pipes and as per specification and directions. (BWSSB SR 13-14, P.No.45 I.no.1 of sl.no.11.)	Each	24.00	1100.00	**Rupees one thousand one hundred only**
5	175 mm dia M.S. Casing cap (P.NO-III, I.NO-85, PRED 12-13 SR)	Each	2.00	100.00	**Rupees one hundred only**
6	M.S. Casing pipe collars 175mm dia (P.NO-III, I.NO-86, PRED 12-13 SR)	Each	24.00	150.00	**Rupees one hundred fifty only**
7	Supply & delivery at site brand new texmo.innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15.000 HP 30 stage (P.NO-XXXXIII, I.NO-33, PWD SR 13-14) kirloscar pumps	Set	2.00	70600.00	**Rupees seventy thousand six hundred only**
8	Providing, GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings)b50mm dia GI pipe (SR 13-14 PWD Page No XVII code No 509, 0154)	Rmtr	740.00	321.00	**Rupees three hundred twenty one only**
9	Providing & fixing socket GI (heavy duty collar) (Pwd SR pg xxxviii)	No	124.00	84.80	**Rupees eighty four and paise eighty only**

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Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Technical Manager (West) KRIDL, BBMP,	
				Rate	Rate in Words
10	Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts 4 sqmm of 56 strands 0.3mm dia (P.NO-535, I.NO-30 (c), BWSSB 12-13 SR)	Mtr	1500.00	126.70	**Rupees one hundred twenty six and paise seventy only**
11	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	No	2.00	8273.00	**Rupees eight thousand two hundred seventy three only**
12	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)	Sqm Cm	104000.00	0.33	**Paise thirty three only**
13	Providing & Fixing of clamps set and borewell cap to the pump .	No's	4.00	450.00	**Rupees four hundred fifty only**
14	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve.) (PWD SR 13-14, P.NO.XXIV, Sl.no, 673)	No's	4.00	1600.00	**Rupees one thousand six hundred only**
15	Supplying and delivery of brand new best make Gate Valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark . 50mm Gate Valve for distributer pipeline. 50mm dia (PWD SR 13-14, P.NO.XXIV, Sl.no, 659)	No's	3.00	1145.00	**Rupees one thousand one hundred forty five only**
16	Providing and fixing of 50mm GI bend to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's	30.00	219.00	**Rupees two hundred ninteen only**
17	Providing and fixing of 50mm GI Nipple to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's	8.00	104.30	**Rupees one hundred four and paise thirty only**

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Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Technical Manager (West) KRIDL, BBMP,	
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18	Providing and fixing of 50mm GI union to the motor ((PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's	20.00	223.70	**Rupees two hundred twenty thre and paise seventy only**
19	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m) (P.No - 564, I.No - 3, BWSSB SR 13-14)	Per Length	90.00	88.00	**Rupees eighty eight only**
20	Supplying and fixing miniature circuit breakers/isolators on existing MCB distribution boards using necessary fixing materials and wiring complete as required, 5 to 30 amps triple pole with all leadn and lift loading unloading and labour charges etc complete as per specifications Group A (P No 6.15.9/P.No 54 Ele Sr 2014-15)	No's	3.00	1093.00	**Rupees one thousand ninty three only**
21	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14)	Mtr	100.00	140.40	**Rupees one hundred forty and paise forty only**
22	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete as per Civil SR KSRB 1.2 P-7 P No 68/ I No 7.93 KPWD Electrical Sr 2014-15	Mtr	100.00	106.00	**Rupees one hundred six only**
23	Supplying and fixing of class A (meadium duty) GI pipe of wall thickness not less than 3.25mm on pole / wall/ drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class P No 69/ I No 15-A KPWD Electrical SR 2014-15	Mtr	20.00	345.00	**Rupees three hundred forty five only**
24	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia PWD Electrical Sr 1999-2000 P 62 I No 7 KPWD Electrical SR 2014-15	No's	2.00	2727.00	**Rupees two thousand seven hundred twenty seven only**
25	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc,P No 69, I No 7.132 KPWD Electrical SR 2014-15	No's	4.00	280.00	**Rupees two hundred eighty eight only**

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26	Supplying shunt trip capacitors confirming to IS 2834 3 phase 400/440 volts grade for power factor improvement of rotating machinery capacitor in KVAR rating Nos 2 KVAR Capacity with all lead and lift loading unloading and labour charges etc complete as per specification (P No 54 /S No 6.13 KPWD Sr 2013-14)	No's	4.00	1350.00	**Rupees one thousand three hundred fifty only**
27	Providing and fixing Gun Material whel valve confirming to IS specification of approved make as per direction including all lead and lift etc complete 50mm dia (P No 94, I No 13.79.6 PWD SR 2015-16)	No's	4.00	1526.40	**Rupees one thousand five hundred twenty six and paise forty only**
28	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., P No 51/I No 6.66 KPWD Electrical Sr 2014-15)	No's	6.00	302.00	**Rupees three hundred two only**
29	KSRB 2-2.2:Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications No KBS 2.1(b) 2.3.5 No 5 Item No 2.4/PWD Sr 2015-16	Cum	459.00	283.02	**Rupees two hundred eighty three and paise two only**
30	KSRB 4-2.2:Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs with 20mm and don size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with super plastesisre @ 3lts conforming etc as per specification & direction of the engineer incharge of work (pwd sr2015-16 p no.13,sno.4.11)	Cum	126.00	6198.12	**Rupees six thousand one hundred ninty eight and paise twelve only**
31	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., **Page No.12 item No.3.4.2 b PRED SR 2010-11.**	Rmtr			
	75 mm dia 6 KSC		300.00	157.00	**Rupees one hundred fifty seven only**
	63mm		300.00	112.00	**Rupees one hundred twelve only**

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Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Technical Manager (West) KRIDL, BBMP,	
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32	Providing and installation at site of work 20mm GI pipes including cost of pipes and specials and labour incluidng lowering into trenches, laying ture to line, complete as per direction of Engineer in charge for public taps for motors/pipeline (P.No.90, I.No.13.11 PWD SR 15-16)	Mtr	30.00	196.10	**Rupees two hundred seven a paise eighty seven only**
33	KSRB 2-4: Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 6, I.NO - 2.11, PWD SR 15-16)	Cum	378.00	76.32	**Rupees seventy six and paise thirty two only**

Signature of the Contractor

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Executive Engineer,
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